

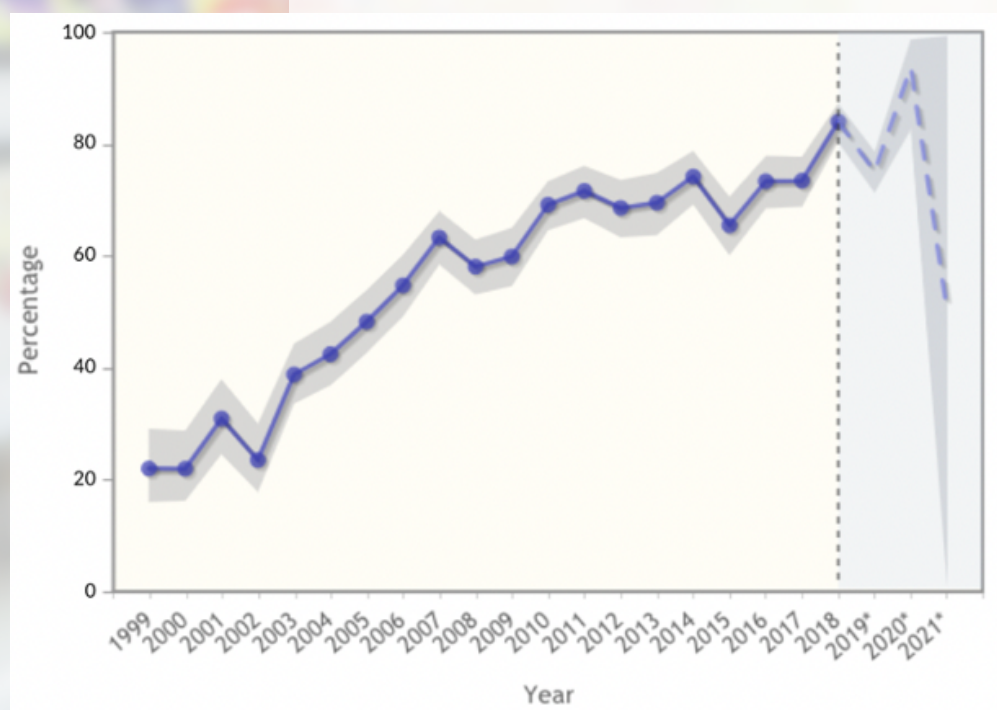
MICROBIAL RESISTANCE: RISK MANAGEMENT IN FOOD SECURITY IN THE EU AND THE US

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Objectives

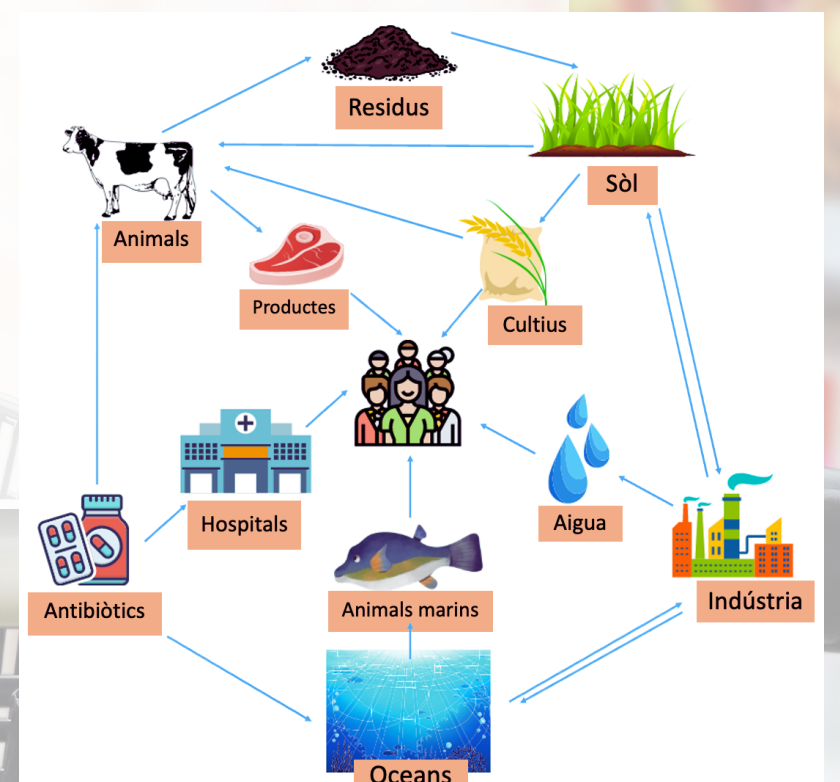
Bibliographic review of ARM management

Analyze surveillance systems and
legislation in the EU and the US in this area



Graph 1. Resistance by year of
Salmonella spp in US (CDC, 2021)

One Health approach of international
organizations



Graph 2. One Health
(Own elaboration)



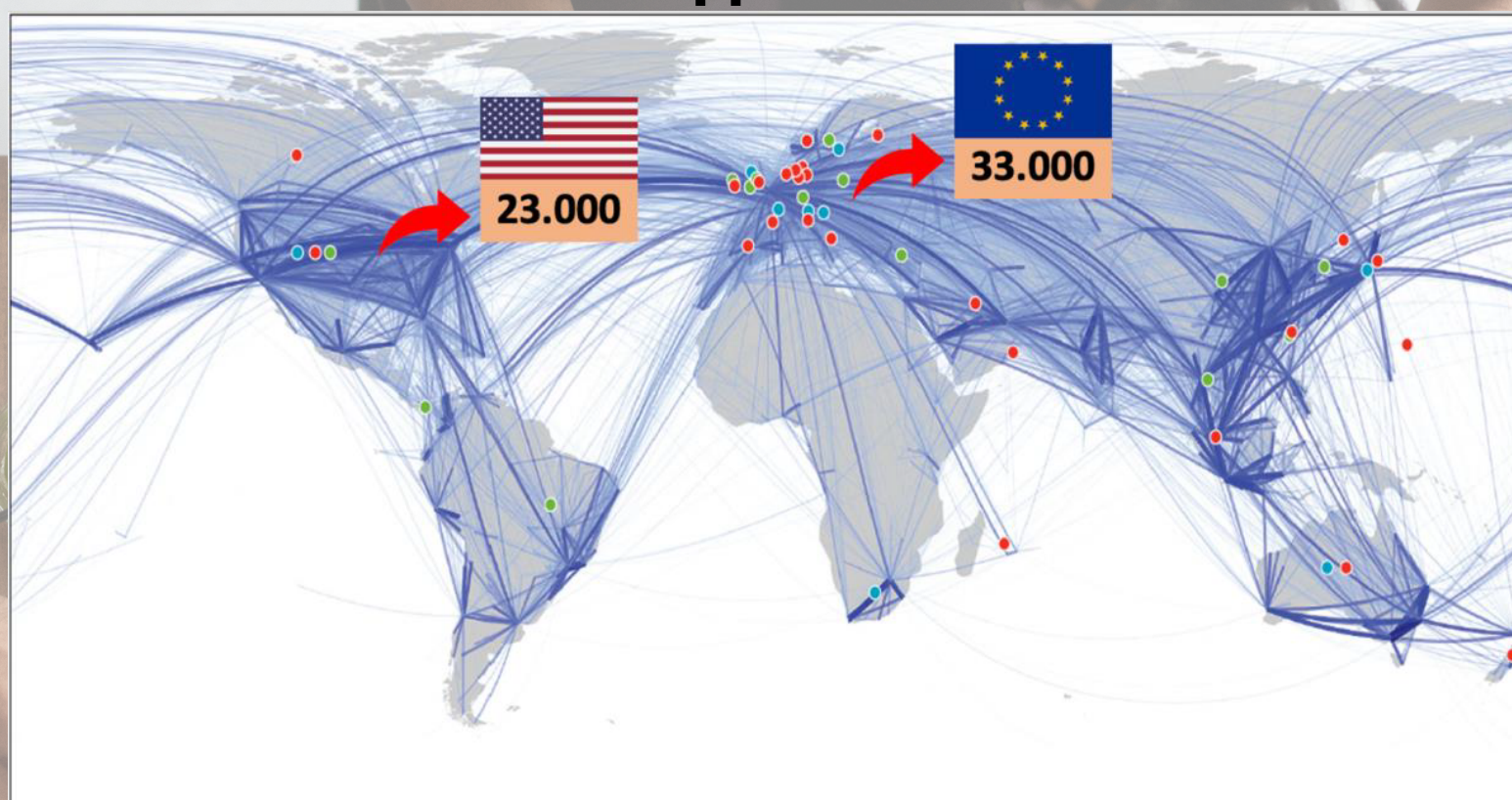
- The legislation applies general measures
- Few external surveillance system

Conclusions

- Non-harmonized health
approach



- The legislation applies specific measures throughout the food chain
- Extensive external surveillance system



Graph 3. ARM transmission routes and annual
deaths in the UE and US (Own elaboration)

Bibliography:

CDC. 2021. NARMS
data.